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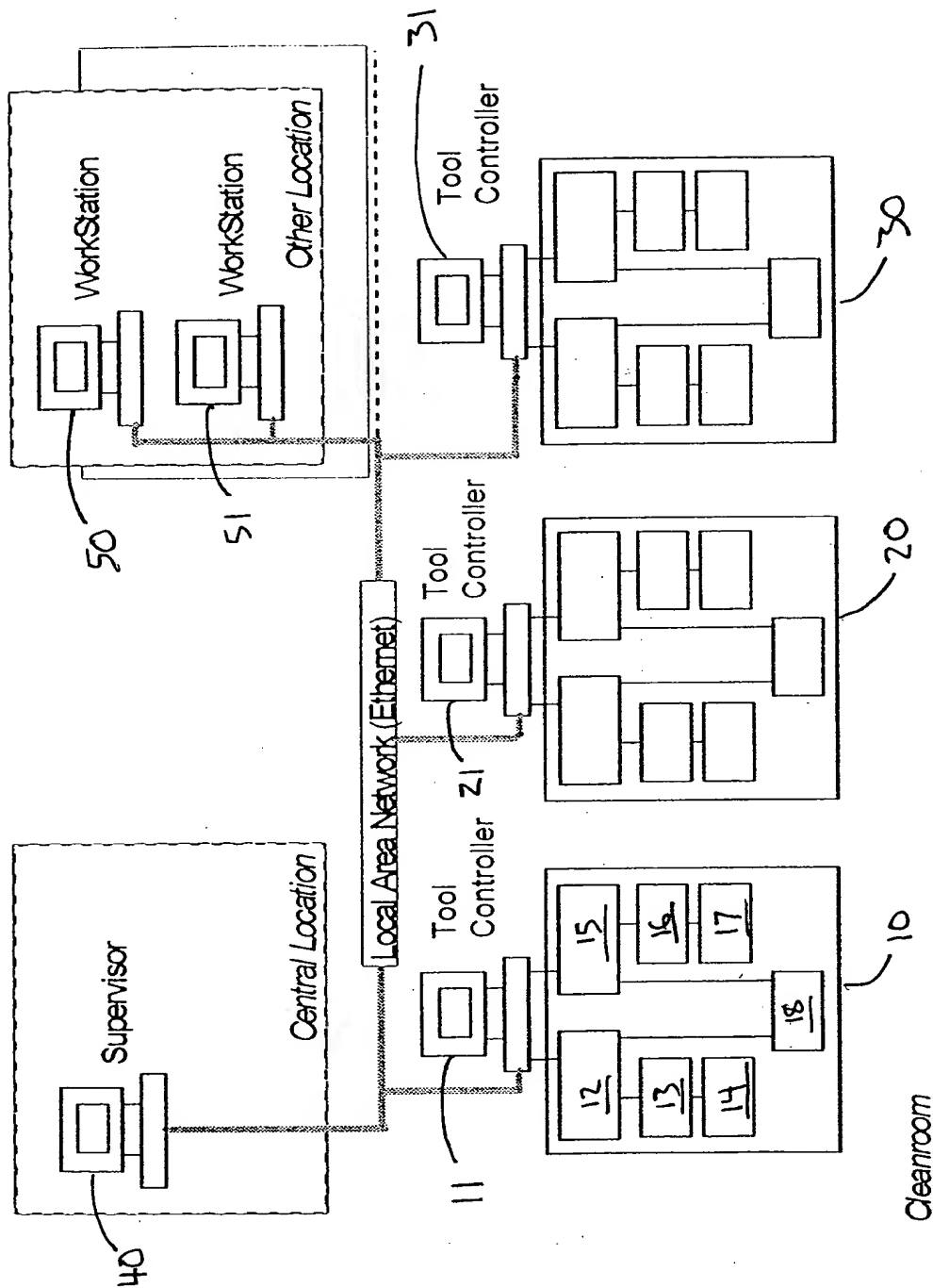


FIG. 1

Report: Green Tool overview - [Tool: DEM1]

Start time: 2000-10-01 00:00:00

End time: 2000-11-01 23:59:59

Channel	Unit	TH0X01	TH0X02	Σ
Ar	SL	8182.59	-	8182.59
DCS	SL	-	455.40	455.40
Exhaust	M ³	11309640.24	11252596.11	22562136.35
H2	SCC	8447.01	-	8447.01
N2	SL	433219.72	1876721.98	2309941.70
N2 Carousel	SL	354198.17	-	354198.17
N2 Purge	SL	193544.55	6305.37	199849.92
N2-Bubbl	SL	360.59	-	360.59
NH3	SL	-	0.00	0.00
NO	SL	259.55	-	259.55
O2	SL	12991.83	-	12991.83
PH3IN2	SCC	-	1391717.47	1391717.47
Power	Kwh	53.87	41.28	95.15
SH4	SL	-	0.00	0.00
Teos	SL	-	5613.86	5613.86
Water	L	1945579.87	1589338.20	3534918.07

Exit

Filter

Print

Print Setup

Export

Alarm: Tube 2-WHC BTMAm WHR door switch

FIG. 3

FIG. 4

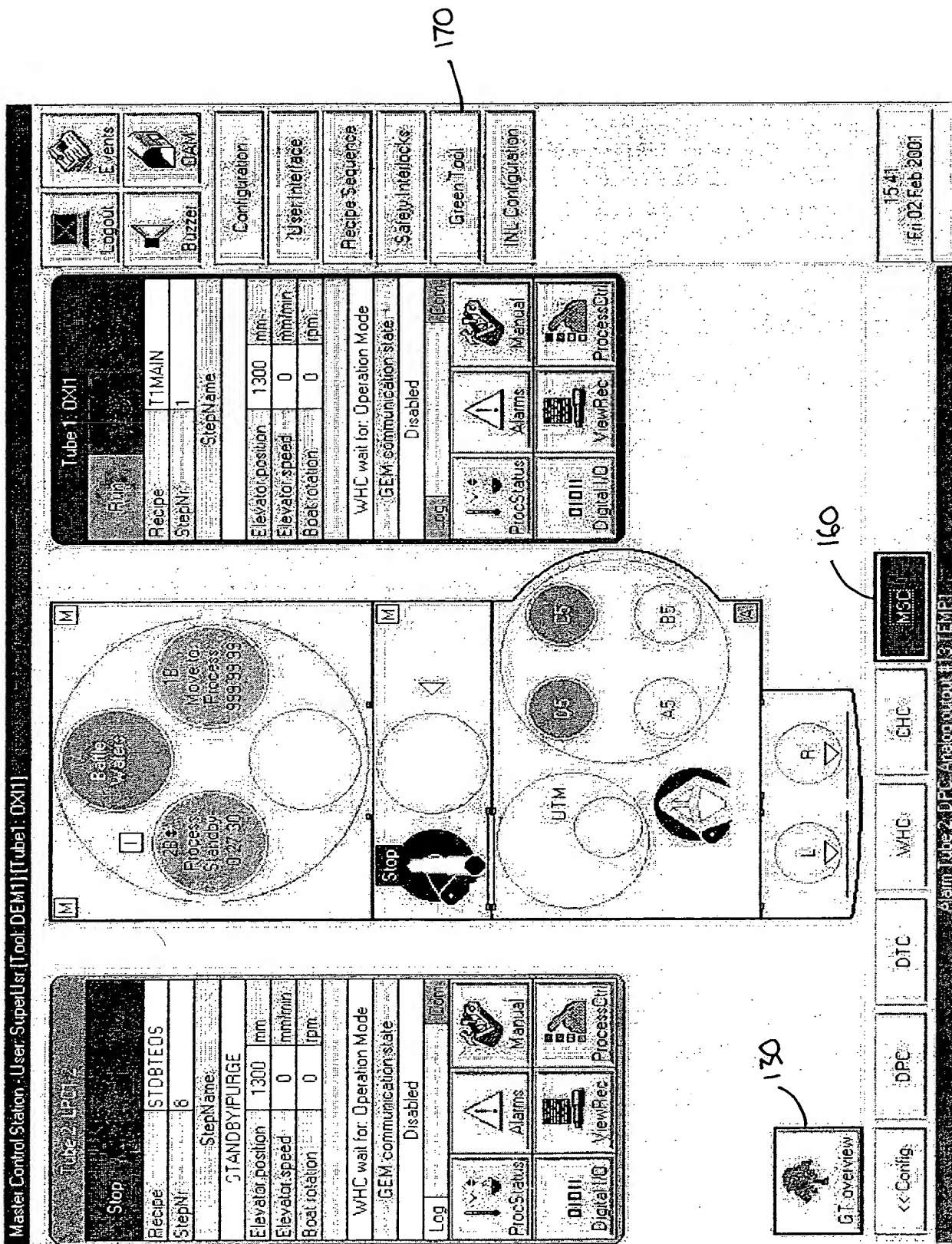


FIG. 4

Green Tool Configuration editor - [Tool: DEM1]

Consumables:

N2 (oxi1)
N2 Bubbl (oxi1)
N2 Carousel 0 [MANUAL EDIT]
O2 (oxi1)
NO (oxi1)
Ar (oxi1)
H2 (OXI1)
Exhaust (OXI1)
Water (OXI1)
N2 Purge (OXI1)
Power (OXI1)
N2 0 [MANUAL EDIT]
SIH4 0 [MANUAL EDIT]
NH3 0 [MANUAL EDIT]

Edit

New

Delete

Print all Consumables

Exit

Save and Exit

Help

DEP

DTG

WHO

CHO

END

15.42

Fri 02 Feb 2001

Alarm: Tube 2 WHC: House Vacuum

FIG. 5

Green Tool Configuration editor - [Tool: DEM1]

Consumable: 02 Source: ox1 Units: SL measured per: Minute

I/O Channel	Correction	When	and
A0 3: 02:High	>>	>>	>>
A0 4: 02:Low	>>	1	1
*	>>		
*	>>		
*	>>		
*	>>		
*	>>		
*	>>		
*	>>		

OK Cancel

Alarm tube 1: VHC-BIM-Arm-WFR door switch

12:13
Fri 02 Feb 2001

FIG. 6

10/23/00 9:41:00

Green Tool Configuration editor - [Tool: DEM1]

Consumable: Power Source: OX1 Units: Kwh measured per: Hour

IO Channel		Correction		When		(end)
Power zone: 1	>>	*	>>	6.327	>	>>
* Power zone: 2	>>	*	>>	28.319	>>	>>
* Power zone: 3	>>	*	>>	28.92	>>	>>
* Power zone: 4	>>	*	>>	10.283	>>	>>
* Power zone: 5	>>	*	>>	13.283	>>	>>
* Power zone: 6	>>	*	>>	4.964	>>	>>
*	>>	/	>>	100	>>	>>
*	>>		>>		>>	>>

OK Cancel

Control DP-0 DT-0 S-100 M-0

Alarm tube 2: OPC-Analog output 113TEMP

12:12
Fri 02 Feb 2001

FIG. 7

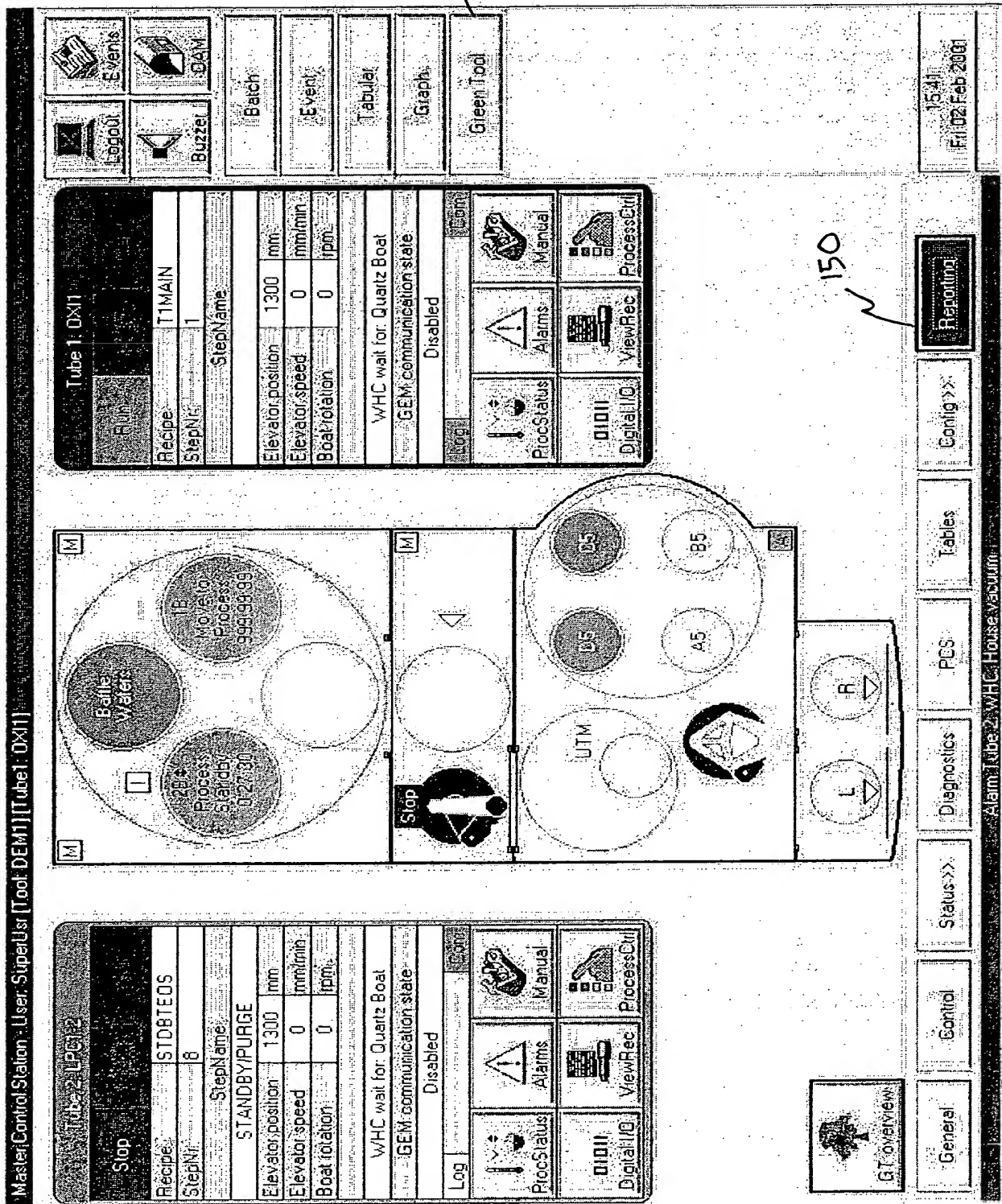


FIG. 8

Report Search Criteria

Quick select

This Day

This Week

This Month

Resolution select

Calendar week

>

Time Span

Start

Mon

22

week

May

29

2000

End

Sun

26

week

Jul

02

2000

Sample date

Exit

OK

Cancel

lock

FIG. 9

10/23/2000 12:00:00

Channels Selection

Start time: 2000/10/23 12:00:00

Time Stamp

Available channels

N2	N2 - Bubbl	N2 Carouse I	O2	N0	Ar	H2	Exhaust	Water	N2 Purge	Power
----	------------	--------------	----	----	----	----	---------	-------	----------	-------

Add to Selected >>

Selected channels

N0	N2 Carouse I	Ar	N2 Purge	Power	N2
----	--------------	----	----------	-------	----

Nr of channels: 6

Delete

OK

Cancel

Exit

Unmark Block

Alarm Tube 2-WHC House vacuum

FIG. 10

10.2.20.20 9.2.20.20

Report: Green tool detail: [Tool: DEM11] [Tube1: DX11]

Start time: 2000-05-29 00:00:00

End time: 2000-07-02 23:59:59

Time Stamp	N0 SL	N2 Cat used SL	A1 SL	N2 Pipe SL	Power kWh	N2 SL
WK22 2000-05-29	0.00	202439.27	95.20	45076.32	7.95	96316.30
WK23 2000-06-05	0.00	209270.93	100.10	30542.02	7.89	97302.21
WK24 2000-06-12	0.00	55008.93	101.35	15117.32	25.60	62757.88
WK25 2000-06-19	0.00	248741.58	104.47	49076.31	6.46	96316.30
WK26 2000-06-26	0.00	168886.02	55.41	19722.24	3.80	52603.92

Σ	0.00	973340.73	455.53	110536.81	51.91	407465.00
---	------	-----------	--------	-----------	-------	-----------

Sample date: 2000-05-29

Sample n°: 1

N° of samples: 5

Exit

Filter

Channel choice

Print

Print Setup

Export

Mark Block

Unmark Block

Alarm Tube2: WHC-BTM Elevator Timeout

FIG. 11